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Formulation of Herbal Vanishing Cream

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ABSTRACT

The goal of the current study was to create and assess vanishing herbal cream. Compared to other creams, herbal creams provide a number of benefits. Most of the creams that are currently on the market are made from synthetic medications and provide further facial fairness, but they have a number of negative effects, including itching and allergic reactions. These negative effects are absent from herbal lotions, which also offer skin a more radiant appearance. Herbs like as aloe vera, cucumber, and muskmelon fruits are used in disappearing cream. Vanishing cream is made with synthetic ingredients such stearic acid, cetyl alcohol, isopropyl, potassium hydroxide, preservative, and fragrance.

Physical characteristics were identified, including pH, homogeneity by touch and sight, appearance, washability, consistency, patch test, irritancy test, accelerated stability studies, and smear type. Additional research is required to examine the performance of this composition.

Keyword:- ***Herbal Estracts, Vanishing Cream, Evaluation*.**

INTRODUCTION

Creams are semisolid emulsions that are applied to mucosal membranes or the skin. A vanishing cream is a low-fat moisturiser that melts into the skin. It leaves nothing behind as it softens skin. O/w emulsion-based products with an oil phase and an aqueous phase are known as disappearing creams.

Herbs like as aloe vera, cucumber, and muskmelon fruits are used in disappearing cream. Vanishing cream is made with synthetic ingredients such stearic acid, cetyl alcohol, isopropyl, potassium hydroxide, preservative, and fragrance. Because of its disappearing property, it can be used as a primer before makeup. They are used to enhance adhesion and retain power on the skin. In hotter climates, this lotion is used to help the skin perspire. It can also be applied as a cream for foundation.

By creating a semi-occlusive residual film, these creams give the skin emollient properties and environmental protection. This movie isn't oily or greasy. Vanishing creams were appropriate for people with oily skin because they were non-greasy.

Ideal characteristics of Vanishing Cream:-

1. It should have high melting point.
2. It should be pure white in colour.
3. It should possess a very slight odour.
4. Rubbed easily on the skin.
5. The vanishing cream pH should ideally range from 4.6 to 6.0.

ADVANTAGES:-

- It help to keep the skin moisturized. In dry and cold areas, a lot of people use vanishing crearns to keep their skin from becoming rough and scaly.
- Softens the skin and provides a shiny texture to the skin.
- Prevents skin roughening.
- A great benefit of using vanishing creams is that it does not stick or annoy the skin.
- Vanishing cream are also helpful in keeping the skin afresh.
- Vanishing creams retain the moisture and this helps in keeping the skin healthy.
- It is sometimes used as the base for cosmetics and make-up and even just plain foundation.
- It is easier for the pores to be blocked.

DISAVTAGES:-

- Vanishing creams are not to be used all the time.
- Skin allergies may arise from the compounds in the cream.

Figure: 01

INGREDIENTS (MATERIALS) USED IN FORMULATION:
In formulation of vanishing cream, lots of materials (ingredients) used.

ALOEVERA:-
It stimulates fibroblast which produces the collagen and collagen lelps to skin hydration. Mono co-polysaccharides helps in binding moisture into the skin.

Biological Source:-
Aloe is optained from the dried juice of leaves of *Aloe Barbadensis Miller*.

Family:- Liliaceae.

Chemical Constituents:-
It contains anthracene glycosides, cinnamic acid, coumaric acid, and vitamins A, B and C.

Uses:-

- It is used to treat skin problems.
- It is used as anti-bacterial and anti-inflammatory agent.
- It is used for hydrating the skin.
- It is used for softening of the skin.

Figure:02

1) CUCUMBER:

Cucumber's moisturising qualities make it ideal for parched skin, and its astringent qualities make it ideal for oily skin. They are also appropriate for skin that is inflamed or sensitive..

Biological Source:-
It is fruit which is obtained from plant *Cucumissativus.*

Family:- cucurbitaceae

Chemical Constituents:-
It contains water (95%) and small amounts of protein (0.6%), lipids (0.1%) and carbohydrates (2.2%).

Uses:-

- It is used to reducing inflammation.
- It is used in firming up the skin,
- It is also hydrating the skin.
- Cucumber keeps your skin healthy.

Figure: 03

MUSHMELON:-

Biological Source:-
Biological source is *Cucumis Melos.*

Chemical Constituents:-
It contains vitamin C, carbohydrates.

Uses:-

- It is used for hydrating the skin.
- It is used for softening of the skin.
- Cucumber keeps your skin healthy.

Figure: 04

Stearic acid:-

It Emulsifier, Emollient, Lubricant, Softens the skin and prevents products from separating.

Figure: 05

Potassium hydroxide:-

Stabiliser of pH in producT. Potassium hydroxide is mostly used since makes a cream of fine texture without excessive harshness.

Figure: 06

Cetyl alcohol:-

Helps prevent creams from separating into oil and liquid, as a moisturizer.

Figure: 07

Butylated hydroxytoluene:- As an antioxidant.

Figure: 08

Methylparaben:- It is used as preservative.

Figure: 08

Glycerin:- It is used as a humectant.

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Figure: 09

Formulation Table:-

Table : 01

INGREDIENTS	QUANTITY FOR 100 GM
Mushmelon Extract	1.5%
Cucumber Extract	1.5%
Aloevera Extract	1.5%
Stearic acid	15%
Catyl alcohol	0.50%
Sodium carbonate	0.5%
Potassium hydroxide	0.50%
glycerine	6%
Methyl paraben	0.5%
Water	72.5%

METHOD OF PREPARATION OF HERBAL VANISHING CREAM

Preparation of Extract:-

Fruits of muskmelon, aloevera and cucumber were extracted using muslin cloth.

Figure: 10 (Preparation of extract)

Preparation of oil phase:-

Stearic acid, Cetyl alcohol, and sodium carbonate was taken into one porcelainn dish and this mixture was melted at 70°C.

Preparation of aqueous phase:-

Potassium hydroxide,methyl paraben, glycerine,water and extract was taken into another porcelain dish and heated this mixture at 70°C.

Addition of aqueous phase to oil phase:-

The aqueous phase along with extracts of muskmelon, cucumber, and aloe vera was added gradually to the oil phase at 70°C with continuous stirring. The prepared cream was transferred and allowed to cool. Perfume (q. s) was added at last and the formulated cream was transferred to suitable container.

DISCUSSION

A natural and efficient skincare product with many skin-benefitting properties is herbal vanishing cream, which is created from mushmelon, cucumber, and aloe vera herbs. A healthy and glowing complexion can be achieved by using the special qualities of each of these herbs to hydrate, nourish, and revitalise the skin. Vitamins A and C are vital for healthy skin and are abundant in mushmelon, often referred to as muskmelon or cantaloupe.

A popular ingredient In skincare products, cucumber has cooling, calming, and moisturising properties. It has caffeic acid and vitamin C, which can help lessen inflammation, dark circles, and puffiness. Additionally, cucumber's astringent qualities might assist to enhance skin tone and constrict pores.

Because of its healing and moisturising qualities, aloe vera is a versatile herb that is frequently used in skincare products. Because of its antibacterial and anti-inflammatory qualities, it can help heal wounds, soothe irritated skin, and stop outbreaks.

Vitamins and minerals included in aloe vera can also moisturise and nourish skin, giving it a radiant, healthy appearance.

All things considered, anyone wishing to enhance the health and appearance of their skin naturally should consider herbal vanishing cream, which is produced from mushmelon, cucumber, and aloe vera herbs. To maintain the skin feeling and looking its best, it can be used every day as part of a skincare regimen.

CONCLUSION

Simple techniques and little equipment were needed to manufacture the vanishing cream of crude pharmaceuticals with the best qualities and nutritional value. Because the produced herbal cream also includes antibacterial and antioxidant properties, it delays the appearance of pimples and other indicators of ageing on the face. This disappearing herbal cream needs more research. It was discovered that no prior formulation of this kind of vanishing herbal cream had been made.A cream with an oil-in-water emulsion base was created with natural ingredients and tested. Combining all of these components results in a cream that can be utilised for a variety of purposes and that the ingredients work in concert with one another. The cream's stability and skin irritancy tests might be investigated further.

REFERENCES

[1]. Ugandar RE and Deivi KS. Formulation and evaluation of natural palm oil based vanishing cream. International Journal of Pharmaceutical Science and Research.2013; 4(9):3375-3380.

[2]. More BH, Sakharwade SN, Tembhurne SV, Sakarkar DM, Evaluation of Sunscreen activity of Cream containing Leaves Extract of Butea monosperma for Topical application. International Journal of Research in Cosmetic Science.2013; 3(1):1-6.

[3]. Saraf S, Chhabra SK, Kaur CD,Saraf S. Development of photochemoprotective herbs containing cosmetic formulations for improving skin properties .Journal of cosmetic science, 2012; 6(3):119–131.

[4]. Kokate, .CK, Purohit AP, Gokhale SB. Pharmacognosy Text Book, Nirali Publication.

[5]. Sujith SN, Molly M ,Sreena K. Formulation and Evaluation of Herbal Cream containing Curcuma longa. International Journal of Pharmaceutical and Chemical Sciences, 2012; 1(4).

[6]. Mehta R. M, ophthalmic products, Pharmaceutics Prakashan , 2003,page:-220-236.

[7]. Formulation and evaluation of multi purpose cream by Shikha Singh (2022), Syed Yasoob Zaidi and shashikant maurya * World Journal of Pharmaceutical Research.

[8]. Formulation and evaluation of multipurpose cream by Jahanvi P.Patel * , Anu V. Patel , Anar J. Patel and Hemal J. Bhavsar International Journal of Recent Scientific Research , (2022) Vol . 13 , Issue , 06 (A) . pp . 1617-1620 .

[9]. Formulation and evaluation of herbal multipurpose cream by Laxmi Banjare * and Pranita Kashyap . International Journal of Pharmacy & Therapeutics .

[10]. Ravindra RP , Muslim PK.Comparison of physical characteristics of vanishing Cream base.cow ghee and shata-dhautaghrita as per pharmacopoeial standards.International Journal of Pharma and BioSciences, 2013; 4(4):14 – 21.

[11]. Ashwini SD , Somishwar SK, Shweta SS. Formulation and Evaluation of Vanishing Herbal Cream of Crude Drugs. American Journal of Ethnomedicine , 2014;1(5):313- 318.